

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	: Jeanne Guerin <i>et al.</i>	Art Unit	: 3751
Serial No.	: 10/711,553	Examiner	: MAHONE, Kristie Annette
Filed	: 09/24/2004	Confirmation No.	: 5552

For : MIST DELIVERY SYSTEM

Customer No. : 64722
Atty. Docket No. : 04-0304

To: Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

DECLARATION UNDER RULE 131

The instant declaration is being filed to dispose of a prior art reference *Guerin et al.* (U.S. 2005/0210576) (hereinafter '576), which has a U.S. filing date of March 23, 2004 and was relied on by the Examiner as a basis for 35 U.S.C. §§ 102 and 103 rejections in the final office action dated June 26, 2007 in this application.

The instant application was filed on September 24, 2004, within one year following the filing date of '576.

Jeanne Guerin, a co-inventor of both the '576 and the instant invention, declares as follows:

1. That I received my Master degree in Applied Sciences from the University of Montreal;
2. That I have been employed by the assignee of the instant invention, The Boeing Company, for nine (9) years;

3. That sometime prior to March 23, 2004, I conceived a misting shower system for use on a vehicle such as an aircraft;
4. That said misting shower system included a collapsible bag having a plurality of spouts or nozzles and an enclosure. The enclosure comprised an internal surface and an external surface. The internal surface of the enclosure included a hydrophobic surface which may be removed for cleaning or disposal. The internal surface defined a drain opening receiving misted air during a drying cycle. The external surface comprised a condensing surface. The system further comprised a plurality of mist dispensers positioned in the collapsible bag and a control device directing said misted substance through said plurality of mist dispensers;
5. That the invention was documented in an "Invention Disclosure" of The Boeing Company dated earlier than the U.S. filing date of '576. A redacted copy (pages 1-2 and 9) of the invention disclosure is enclosed as Exhibit A;
6. That the application for the invention was filed in the United States Patent and Trademark Office for patent protection on September 24, 2004, within one year following the filing date of '576.
7. That Exhibit B attached hereto represents an illustration of the misting shower system prepared before the filing date of the '576 application and, as shown, possesses the structural elements of the invention as claimed in the instant application; and
8. That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18

of the United States Code, and that such willful false statements may jeopardize the
validity of the above-referenced application for any patent issuing thereon.

Date: 09-03-07

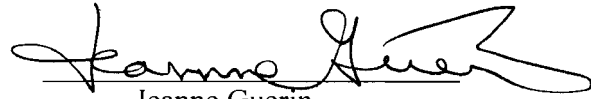

Jeanne Guerin

EXHIBIT A

BOEING LIMITED

BOEING

INVENTION DISCLOSURE

Page 1 of 9

This form is to be used for disclosure to The Boeing Company of inventions, discoveries, improvements or innovations, whether or not considered patentable. See above for instructions.

A <u>1-900000</u> Misting Shower Alternate Applications							
INVENTOR NAME (FIRST M.I. LAST)		INVENTOR NAME (FIRST M.I. LAST)		INVENTOR NAME (FIRST M.I. LAST)		INVENTOR NAME (FIRST M.I. LAST)	
Jeanne Guerin		Douglas E. Emsley		Donald R. Furlong <i>Druck</i>		Dennis C. Lin	
NO		NO		NO		NO	
ORG. Budget NO.	MAIL CODE	ORG. Budget NO.	MAIL CODE	ORG. Budget NO.	MAIL CODE	ORG. Budget NO.	MAIL CODE
B-K440	OF-LA	B-K440	OF-LA	B-K440	OF-LA	B-K440	OF-LA
PHONE	425-266-9766	PHONE	425-342-5366	PHONE	425-294-1210	PHONE	425-294-1224
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Citizenship: Canada		Citizenship: USA		Citizenship: USA		Citizenship: USA	
BOEING EMPLOYEE (AND SUBSIDIARY)		BOEING EMPLOYEE (AND SUBSIDIARY)		BOEING EMPLOYEE (AND SUBSIDIARY)		BOEING EMPLOYEE (AND SUBSIDIARY)	
<input checked="" type="checkbox"/> Commercial Airplanes <input type="checkbox"/> Military Aircraft and Missiles <input type="checkbox"/> Phantom Works <input type="checkbox"/> Shared Services Group <input type="checkbox"/> Connection by Boeing <input type="checkbox"/> Air Traffic Management <input type="checkbox"/> Space and Communications <input type="checkbox"/> CONTRACT EMPLOYEE <input type="checkbox"/> OTHER (SPECIFY)		<input checked="" type="checkbox"/> Commercial Airplanes <input type="checkbox"/> Military Aircraft and Missiles <input type="checkbox"/> Phantom Works <input type="checkbox"/> Shared Services Group <input type="checkbox"/> Connection by Boeing <input type="checkbox"/> Air Traffic Management <input type="checkbox"/> Space and Communications <input type="checkbox"/> CONTRACT EMPLOYEE <input type="checkbox"/> OTHER (SPECIFY)		<input checked="" type="checkbox"/> Commercial Airplanes <input type="checkbox"/> Military Aircraft and Missiles <input type="checkbox"/> Phantom Works <input type="checkbox"/> Shared Services Group <input type="checkbox"/> Connection by Boeing <input type="checkbox"/> Air Traffic Management <input type="checkbox"/> Space and Communications <input type="checkbox"/> CONTRACT EMPLOYEE <input type="checkbox"/> OTHER (SPECIFY)		<input checked="" type="checkbox"/> Commercial Airplanes <input type="checkbox"/> Military Aircraft and Missiles <input type="checkbox"/> Phantom Works <input type="checkbox"/> Shared Services Group <input type="checkbox"/> Connection by Boeing <input type="checkbox"/> Air Traffic Management <input type="checkbox"/> Space and Communications <input type="checkbox"/> CONTRACT EMPLOYEE <input type="checkbox"/> OTHER (SPECIFY)	
MANAGER'S NAME / MAIL STOP		MANAGER'S NAME / MAIL STOP		MANAGER'S NAME / MAIL STOP		MANAGER'S NAME / MAIL STOP	
Douglas R. Ackerman / OF-LA		Douglas R. Ackerman / OF-LA		Douglas R. Ackerman / OF-LA		Douglas R. Ackerman / OF-LA	
PHONE 425-294-0281		PHONE 425-294-0281		PHONE 425-294-0281		PHONE 425-294-0281	
Invention Funding							
Please check all of the organizations that have contributed funding over the development of this invention. If Phantom Works has provided some of the funding, please select the next level down as well.							
Major Organization Funding				Phantom Works Organization Funding			
<input checked="" type="checkbox"/> Boeing Commercial Airplane Group <input type="checkbox"/> Military Airplanes and Missiles <input type="checkbox"/> Space and Communications (Including Boeing Satellite Systems) <input type="checkbox"/> Connection by Boeing <input type="checkbox"/> Air Traffic Management <input type="checkbox"/> Shared Services Group <input type="checkbox"/> Phantom Works				<input type="checkbox"/> Advanced Customer Support <input type="checkbox"/> Manufacturing Technology & Prototyping <input type="checkbox"/> Advanced BCA <input type="checkbox"/> Advanced A&M <input type="checkbox"/> Advanced S&C <input type="checkbox"/> System Assessment <input type="checkbox"/> Mathematics and Computing Technology <input type="checkbox"/> Engineering Technology <input type="checkbox"/> Lean & Efficient <input type="checkbox"/> Enterprise Labs <input type="checkbox"/> Environmental Assurance			

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04-0304		GBH		ERC	AKG

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Property Business

BOEING LIMITED



INVENTION DISCLOSURE

Page 2 of 9

This form is to be used for disclosure to The Boeing Company of inventions, discoveries, improvements or innovations, whether or not considered patentable. See above for instructions.

A Misting Shower Alternate Applications							
INVENTOR NAME (FIRST M.I. LAST) Bethany Franko		INVENTOR NAME (FIRST M.I. LAST) Kevin Zielke		INVENTOR NAME (FIRST M.I. LAST) Cynthia Vandewall		INVENTOR NAME (FIRST M.I. LAST) Peter R Mitchell	
MAIL CODE B-K440 OF-LA		MAIL CODE B-K440 OF-LA		MAIL CODE B-K440 OF-LA		MAIL CODE B-K440 OF-LA	
PHONE	(425) 294-1213	PHONE	425-294-1184	PHONE	425-294-1204	PHONE	425-294-1181
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1142 N 82 nd St. Seattle, WA 98103		Street: 132 NE 55 th Seattle, WA 98105		Street: 18201 67 th Ave SE, Snohomish, WA 98296		Street: 17611 30 th Dr SE, Bothell, WA	
Citizenship: USA		Citizenship: USA		Citizenship: USA		Citizenship: USA	
BOEING EMPLOYEE (AND SUBSIDIARY)		BOEING EMPLOYEE (AND SUBSIDIARY)		BOEING EMPLOYEE (AND SUBSIDIARY)		BOEING EMPLOYEE (AND SUBSIDIARY)	
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MANAGER'S NAME / MAIL STOP Douglas R. Ackerman / OF-LA PHONE 425-294-0281		MANAGER'S NAME / MAIL STOP Douglas R. Ackerman / OF-LA PHONE 425-294-0281		MANAGER'S NAME / MAIL STOP Douglas R. Ackerman / OF-LA PHONE 425-294-0281		MANAGER'S NAME / MAIL STOP Douglas R. Ackerman / OF-LA PHONE 425-294-0281	

Invention Funding

Please check all of the organizations that have contributed funding over the development of this invention. If Phantom Works has provided some of the funding, please select the next level down as well.

Major Organization Funding		Phantom Works Organization Funding	
<input checked="" type="checkbox"/>	Boeing Commercial Airplane Group		Advanced Customer Support
	Military Airplanes and Missiles		Manufacturing Technology & Prototyping
<input checked="" type="checkbox"/>	Space and Communications (Including Boeing Satellite Systems)		Advanced BCA
	Connexion by Boeing		Advanced A&M
	Air Traffic Management		Advanced S&C
	Shared Services Group		System Assessment
	Phantom Works		Mathematics and Computing Technology
			Engineering Technology
			Lean & Efficient
			Enterprise Labs
			Environmental Assurance

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Boeing Commercial Airplane Group
Phantom Works

BOEING LIMITED



INVENTION DISCLOSURE

Page 9 of 9

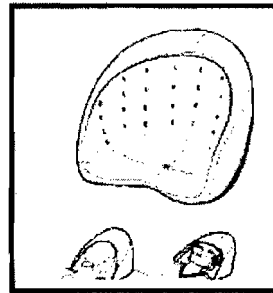
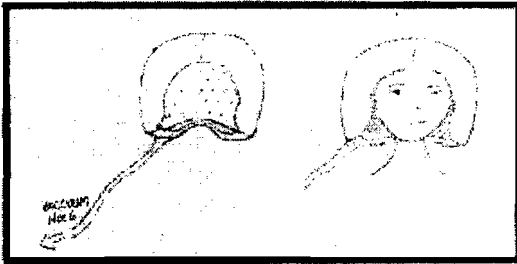
TITLE OF INVENTION

Misting Shower Alternate Applications

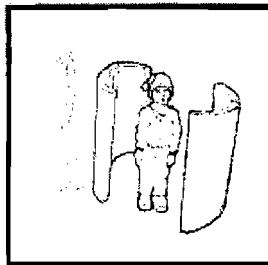
Detailed Description Of the Invention (Optional):

Human Applications for the Recreational sector :

Head unit for washing hairs and conditioning, washing face and moisturizing, nasal congestion



Drying unit for ski and water parks to dry-off for a more comfortable enjoyment of the activity



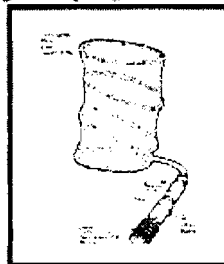
Suntan sprayer and cooling water spraying at the beach

Spas experience: lotion, tanning spray, scent music and light therapy (similar to current prototype)

Humidifier for dry weather

Disposable, one shower use

Inflatable carry your own shower when traveling/camping



I have read and understood all pages of this invention disclosure that I have signed or Initialed.
PLEASE PROVIDE ALL INFORMATION ON THE FIRST PAGE, THE REST MAY BE INITIALED AND DATED.

WITNESSES SIGNATURES (AT LEAST TWO)		DATE	ORGN. NO.	MAIL STOP
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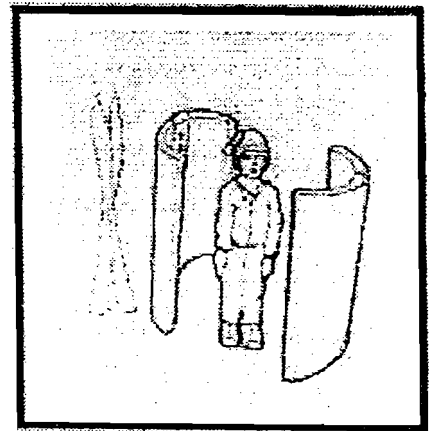
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BOEING LIMITED

file: IP Misting shower other applications
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EXHIBIT B

Drying unit for ski and water parks to dry-off for a more comfortable enj



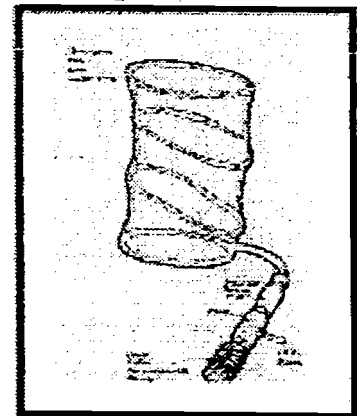
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